

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Naoshi MATSUO**

Serial Number: **Not Yet Assigned**
(Continuation of PCT/JP99/02312)

Filed: **March 9, 2001**

For: **SPEAKER APPARATUS**

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

March 9, 2001

Sir:

Prior to the calculation of the filing fees of the above application, please amend the application as follows:

IN THE SPECIFICATION:

Page 1, after the title, please insert the following paragraph:

This application is a continuation of international application PCT/JP99/02312 filed on April 28, 1999.

IN THE CLAIMS:

Please amend claims 7-9 and 13 as follows:

7. (Amended) The speaker apparatus according to claim 1 or 2, wherein the diaphragm extends over an entire surface of a desired speaker array and is provided with the transducers whose number is the same as that of the signal control points of the desired speaker array.

8. (Amended) The speaker apparatus according to claim 3, wherein the diaphragm extends over an entire surface of a desired speaker array, and the sound images are localized in positions of the signal control points of the desired speaker array.

9. (Amended) The speaker apparatus according to claim 3, wherein the transducers are arranged in a peripheral portion of the diaphragm.

13. (Amended) The speaker apparatus according to claim 1 that is integrated with a keyboard.

REMARKS

Claim 7-9 and 13 have been amended in order to have the claims in condition for examination. Early and favorable action is awaited.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "Version with markings to show changes made."

In the event there are any additional fees required, please charge our Deposit Account No. 01-2340.

Respectfully submitted,

ARMSTRONG, WESTERMAN, HATTORI,
McLELAND & NAUGHTON, LLP

A handwritten signature in black ink, appearing to read 'Mel R. Quintos', with the number '27133' written below it.

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

Page 1, after the title, insert the following paragraph:

--This application is a continuation of international application PCT/JP99/02312 filed on April 28, 1999.--

In the Claims:

7. (Amended) The speaker apparatus according to [one of claims 1 to 6] claim 1 or 2, wherein the diaphragm extends over an entire surface of a desired speaker array and is provided with the transducers whose number is the same as that of the signal control points of the desired speaker array.

8. (Amended) The speaker apparatus according to [one of claims 3 to 6] claim 3, wherein the diaphragm extends over an entire surface of a desired speaker array, and the sound images are localized in positions of the signal control points of the desired speaker array.

9. (Amended) The speaker apparatus according to [one of claims 3 to 6] claim 3, wherein the transducers are arranged in a peripheral portion of the diaphragm.

13. (Amended) The speaker apparatus according to [one of claims 1 to 6] claim 1 that is integrated with a keyboard.